What is claimed is:

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- 1 1. A method of processing paging information in a communications system, the method comprising:
- operating a first node to receive said paging information, said paging information including at least one of a quality of service indicator, a type indicator, a source indicator, and a destination indicator; and
 - operating the first node to determine from said received paging information a paging requirement, said paging requirement being determined as a function of said at least one of a quality of service indicator, a type indicator, a source indicator, and a destination indicator.
- 1 2. The method of claim 1, further comprising:
- operating said first node to allocate a paging transmission resource for transmitting a page as a function of the determined paging requirement.
- 1 3. The method of claim 2, further comprising:
- operating said first node to transmit a page using the allocated paging transmission resource.
- 1 4. The method of claim 3, wherein said step of transmitting a page includes incorporating
- 2 into said page information indicating a state of device operation, in which a device to which said
- 3 page is directed, is to operate after receiving said page.
- 1 5. The method of claim 2, further comprising:
- 2 operating said first node to communicate a paging signal to a second node, indicating
- 3 allocation of a paging transmission resource for use in transmitting a page corresponding to said
- 4 received paging information.
 - 6. The method of claim 1, further comprising:
- 2 operating said first node to communicate said determined paging requirement to a second
- 3 node in a paging request message.

- 1 7. The method of claim 6, wherein said page request message includes at least a portion of
- 2 said received paging information.
- 1 8. The method of claim 7, wherein said determined paging requirement, indicated in said
- 2 paging request message, is that said portion be included in a page.
- 1 9. The method of claim 6, wherein said determined paging requirement, indicated in said
- 2 paging request message, is that a page be acknowledged.
- 1 10. The method of claim 6, wherein said determined paging requirement, indicated in said
- 2 paging request message, is a quality of service.
- 1 11. The method of claim 10, wherein said quality of service includes a page transmission
- 2 timing constraint.
- 1 12. The method of claim 10, wherein said quality of service is one of a plurality of levels.
- 1 13. The method of claim 10, wherein said quality of service requires that a page be
- 2 transmitted multiple times.
- 1 14. The method of claim 10, wherein said quality of service requires retransmission of a
- 2 page at least once in the absence of an acknowledgment.
- 1 15. The method of claim 14, further comprising:
- 2 operating the second node to cause said re-transmission of said page to be into a
- 3 geographic area larger than an initial transmission area of said page.
 - 16. The method of claim 6,

1

- wherein said determined paging requirement, indicated in said paging request message,
- 3 is a quality of service level; and
- 4 wherein said page request message includes paging resource allocation information
- 5 indicating a fraction of a paging resource to be allocated by said second node to pages having
- 6 said quality of service level, the method further comprising:

- 7 operating the second node to allocate said fraction of said paging resource to pages
- 8 having a quality of service level indicated in said paging request message.
- 1 17. The method of claim 6, further comprising:
- 2 operating said second node to allocate a paging transmission resource for transmitting a
- 3 page, as a function of said determined paging requirement, indicated in said paging request
- 4 message.
- 1 18. The method of claim 17, further comprising:
- 2 operating said second node to transmit a page using the allocated paging transmission
- 3 resource.
- 1 19. The method of claim 17, further comprising:
- 2 operating said second node to communicate a paging signal to a third node, indicating
- 3 allocation of a paging transmission resource for use in transmitting a page corresponding to said
- 4 paging information.
- 1 20. A machine readable medium including a data structure in the form of a paging request
- 2 message stored thereon, said paging request message including:
- 3 a source node identifier;
- 4 a destination node identifier;
- 5 and
- 6 paging message requirement information.
- 1 21. The machine readable medium of claim 20, wherein said paging request message further
- 2 includes:
- a paging message payload including information to be transmitted in a page.
- 1 22. The machine readable medium of claim 20, wherein said paging message requirement
- 2 information includes:
- 3 information indicating whether or not an acknowledgement to a page is required.

- 1 23. The machine readable medium of claim 22, wherein said paging message requirement
- 2 information includes:
- 3 information indicating a number of retransmissions to be made if a page
- 4 acknowledgement is not received.
- 1 24. The machine readable medium of claim 22, wherein said paging message requirement
- 2 information includes:
- 3 page transmission quality of service information.
- 1 25. The machine readable medium of claim 22, wherein said paging message requirement
- 2 information includes:
- 3 page transmission timing constraint information.
- 1 26. The machine readable medium of claim 22, wherein said paging message requirement
- 2 information is stored in an encoded format and includes at least page transmission quality of
- 3 service information and page transmission timing constraint information.
- 1 27. A communications system comprising:
- 2 a first node including:
- 3 i) means for receiving paging information, said paging information including at least one of a
- 4 quality of service indicator, a type indicator, a source indicator, and a destination indicator; and
- 5 ii) means for determining from said received paging information a paging requirement, said
- 6 paging requirement being determined as a function of said at least one of a quality of service
- 7 indicator, a type indicator, a source indicator, and a destination indicator.
- 1 28. The system of claim 27, wherein said first node, further comprises:
- 2 means for allocating a paging transmission resource for transmitting a page as a function
- 3 of a determined paging requirement.
- 1 29. The system of claim 28, wherein said first node further includes a radio transmitter for
- 2 transmit a page using the allocated paging transmission resource.
- 1 30. The system of claim 29, wherein said first node further includes:

- 2 means for generating a paging request message including information indicating said 3 determined paging requirement; and
- 4 means for transmitting said paging request message to another node.
- 1 31. The system of claim 30, wherein said page request message includes at least a portion of
- 2 said received paging information and wherein said determined paging requirement, indicated in
- 3 said paging request message, is that said portion be included in a page.
- 1 32. The system of claim 30, wherein said determined paging requirement, indicated in said
- 2 paging request message, is that a page be acknowledged.
- 1 33. The system of claim 30, wherein said determined paging requirement, indicated in said
- 2 paging request message, is a quality of service requirement.
- 1 34. The system of claim 30, further comprising:
- 2 a second node, said second node including:

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- i) means for receiving said paging request message;
 - ii) means for allocating at least one paging resource as a function of paging requirement information included in a received paging request message; and
- 6 iii) means for transmitting a page to a mobile node using the at least one allocated paging resource.